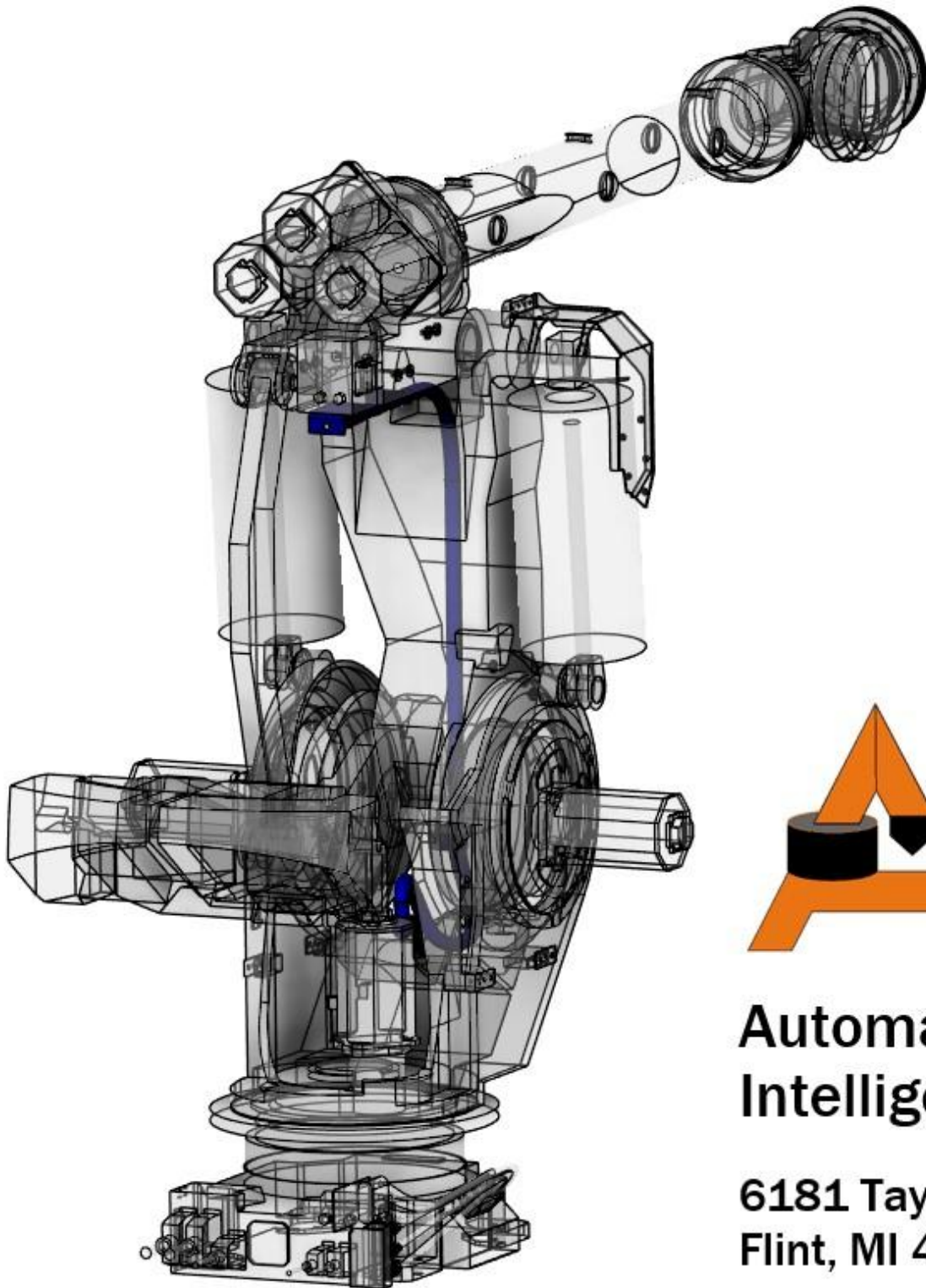


Enet Conversion Kit Manual

700L MH/WELD/RAFT

#20043400-00, #20049400-00, #20060400-00



**Automation
Intelligence LLC**

**6181 Taylor Dr
Flint, MI 48507**

Parts Included

QTY.	PART DESCRIPTION	PART # (S)
8.4167	PolyMade Tube 29mm, quantity in ft	R29S-13
5	Hose Clamp	CFBS-AS29-ABS-000
1	J1-1 700L	20053300-00
1	J2-1 700L	20054300-00
1	J2-2 700L	20055300-00
1	J3-1 700L	20056300-00
6	Velcro Buckle Strap	VS-15012050
1	M6 x 16 (7)	20062400-00
1	Ethernet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, 4m	0985 806 100/4m
2	Bulkhead Enet Control cabinet feed-through, 4-position, Socket, straight, M12	FKSD FKSD 44/M12
2	COVER, MICRO (M12), EXTERNAL THREADS	ZVK

Raft Parts

QTY.	PART DESCRIPTION	PART #
2	Bulk Head A code RAFT	FK FS 4.4/M12
1	Raft Cable 5m	RKC 4.2T-5-RSC 4.2T/CS12885
2	COVER, MICRO (M12), EXTERNAL THREADS	ZVK

On the side panel of the robot as shown in *Fig.1*.



Figure 1

Mark out a hole 38mm from the bottom of the panel and 50mm from the side of the panel. Drill out the hole to 14mm. Once drilled, remove plate from robot. **For Raft/Enet combo** drill another hole 40mm to the right of previous hole.

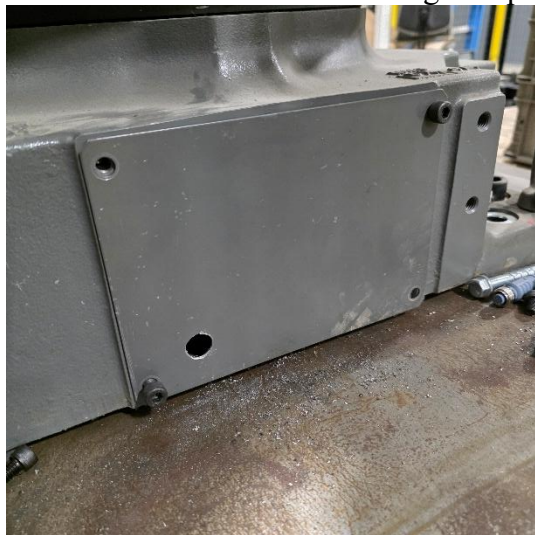


Figure 2.1



Figure 2.2

Insert the bulkhead and tighten it down in the drilled hole. **For RAFT bulkhead** make sure to insert the bulkhead with female end outside the robot.



Figure 3.1



Figure 3.2

Feed wire on loose end of the kit through the grommet of the robot and attach it to the bulkhead. Reattach the plate with the bulkhead back to the robot.

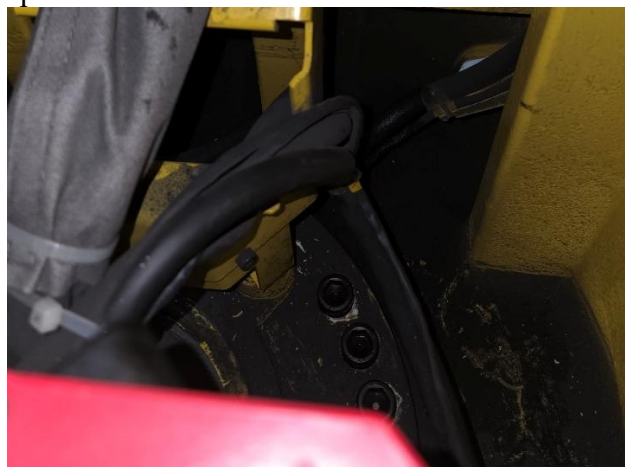


Figure 4

Mount the first bracket (20053300-00) from the loose end of the kit to the holes shown in *Fig. 5*. It should be mounted as shown in *Fig. 6*.

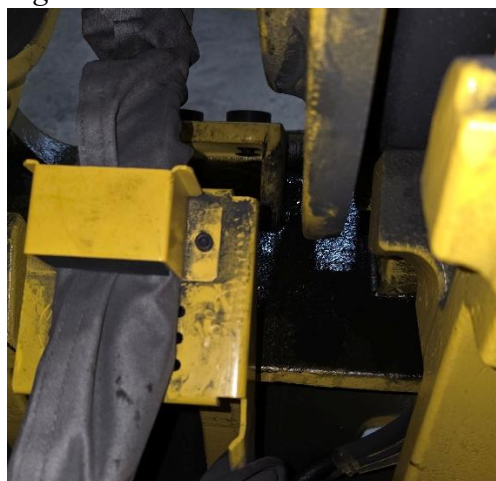


Figure 5



Figure 6

Mount the first clamp down the line to the bracket shown on *Fig. 7*. Loosen velcro on clamp, peel off the adhesive backing on bottom of clamp, and place it on the bracket as shown in

Fig. 8. Make sure to align the tube with the clamp as indicated with the white strips and tighten the velcro around the whole bracket, tube, and clamp as also shown in *Fig. 8*.



Figure 7

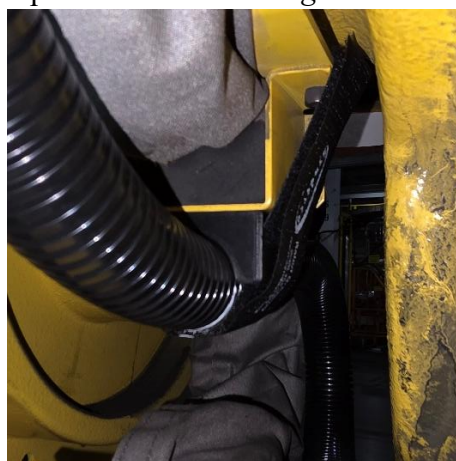


Figure 8

Mount the second bracket (20054300-00) to the holes shown in *Fig. 9*. It should be mounted as shown in *Fig. 10*.



Figure 9

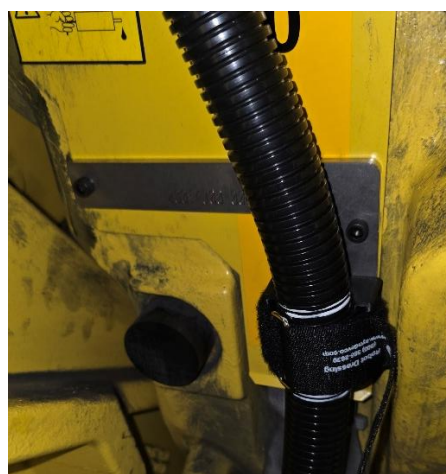


Figure 10

Mount the third bracket (20055300-00) to the holes shown in *Fig. 11*. It should be mounted as shown in *Fig. 12*.



Figure 11

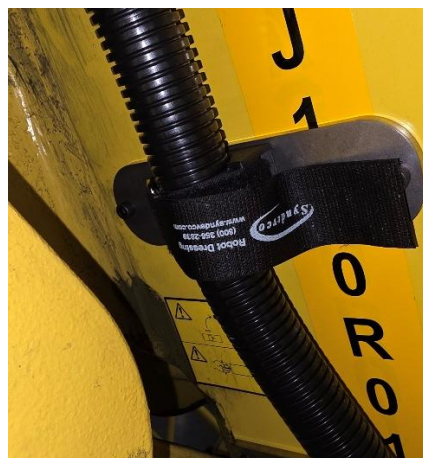


Figure 12

Mount the fourth bracket (20056300-00) to the holes shown in *Fig. 13*. It should be mounted as shown in *Fig. 14*.



Figure 13



Figure 14